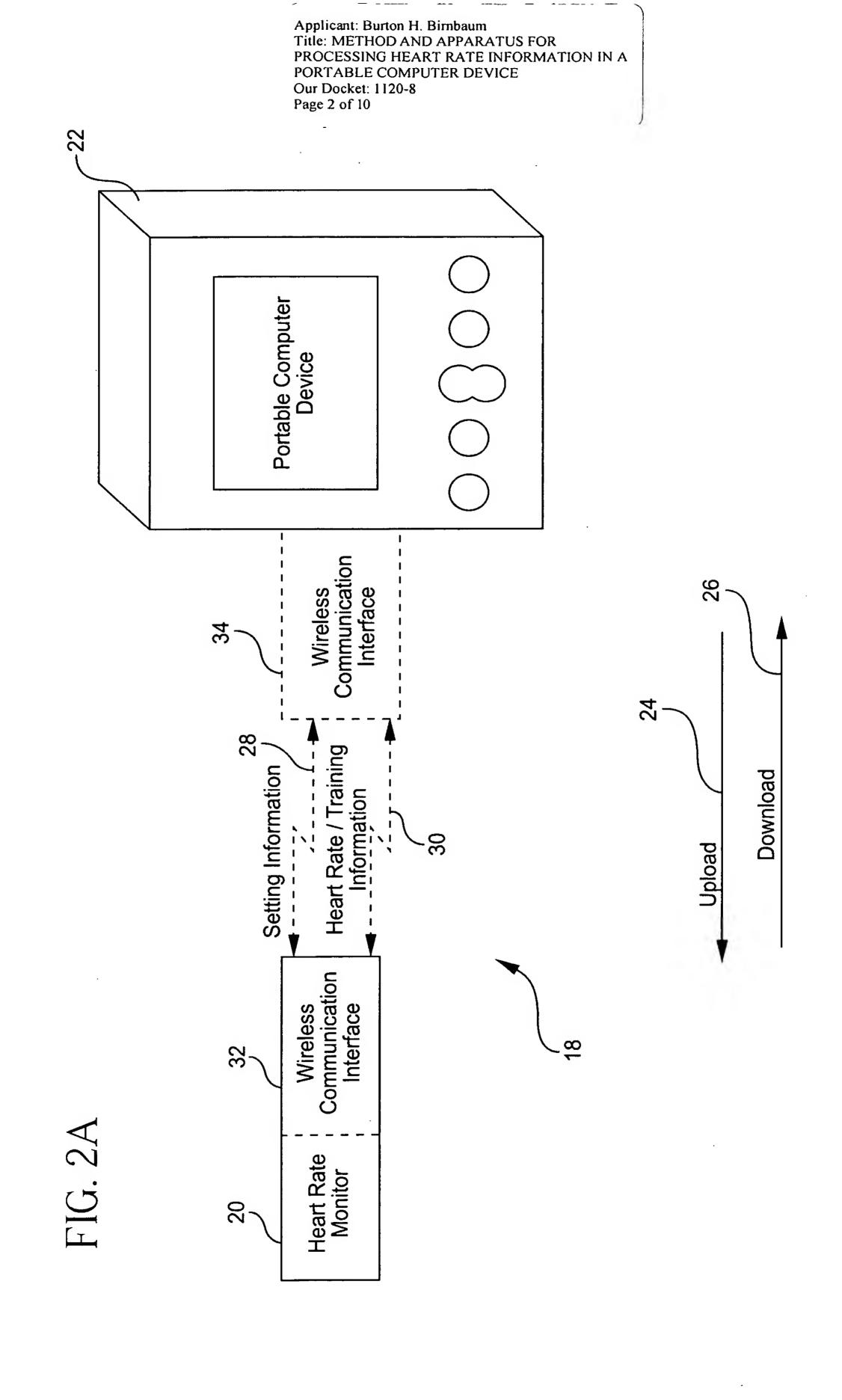
NOV 14 2005 BY TRADEMARKOW

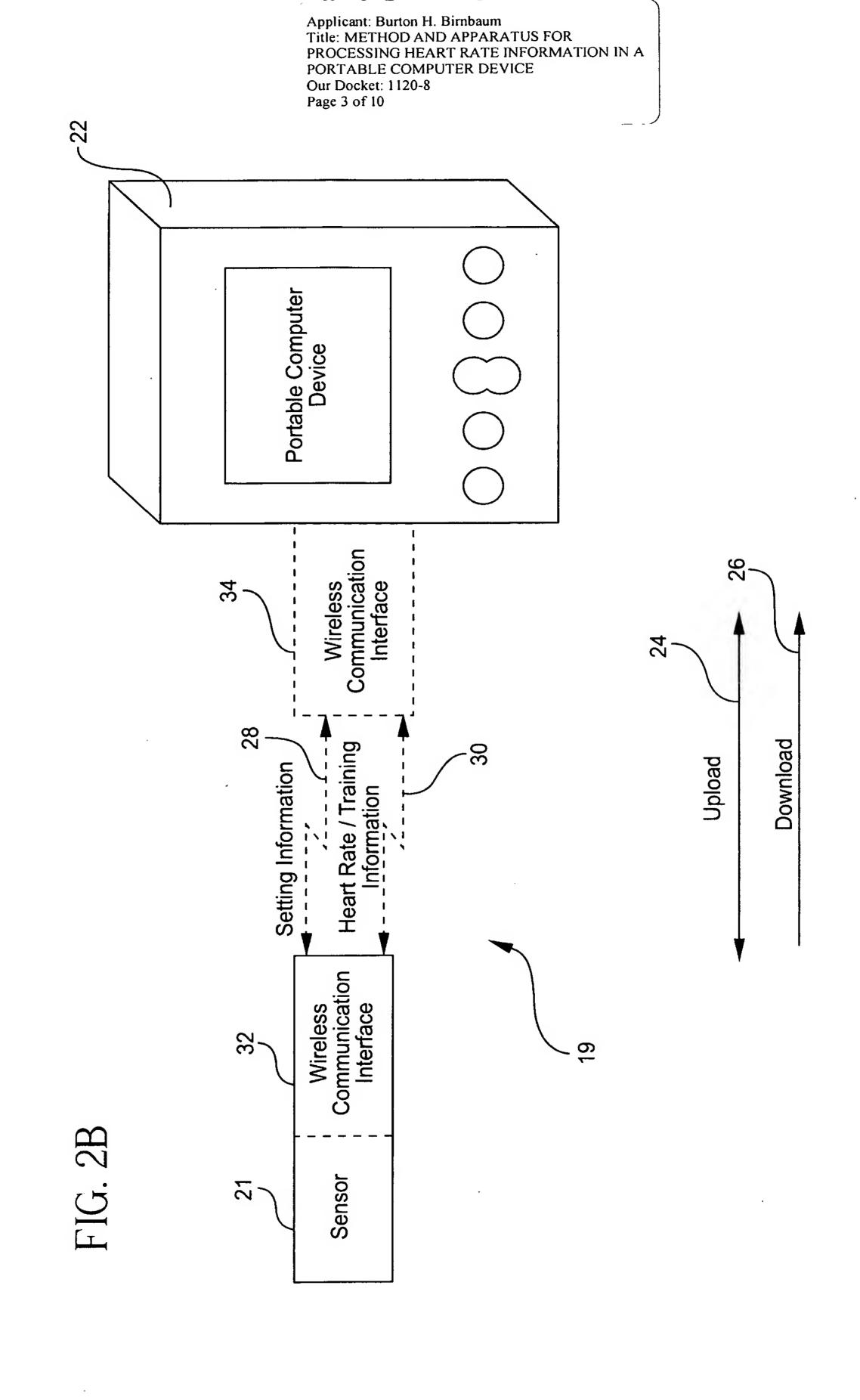
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Headset 14

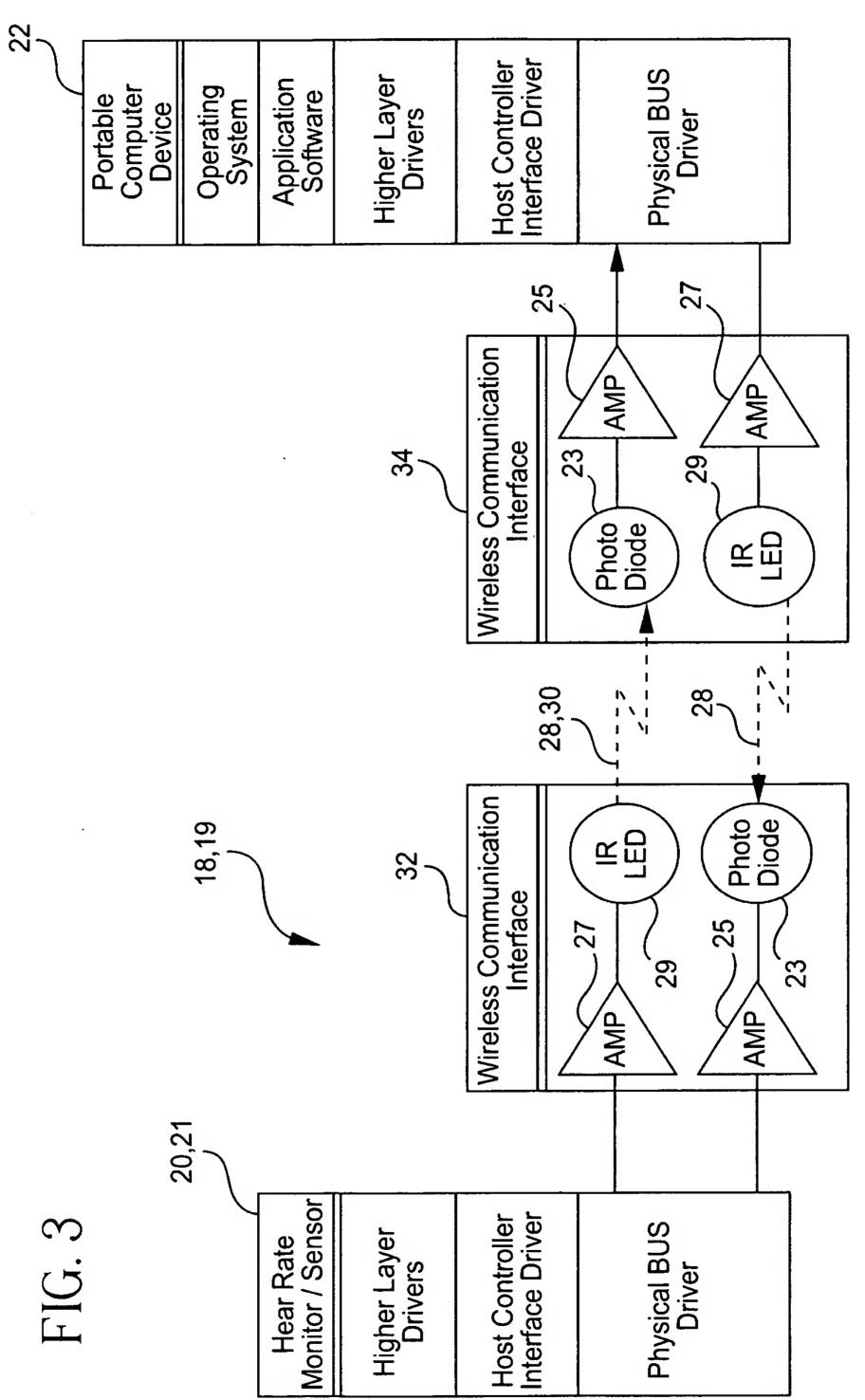
Laptop
Access Point
Mobile
Mobile
Cellular Network

FIG. 1(Prior Art)





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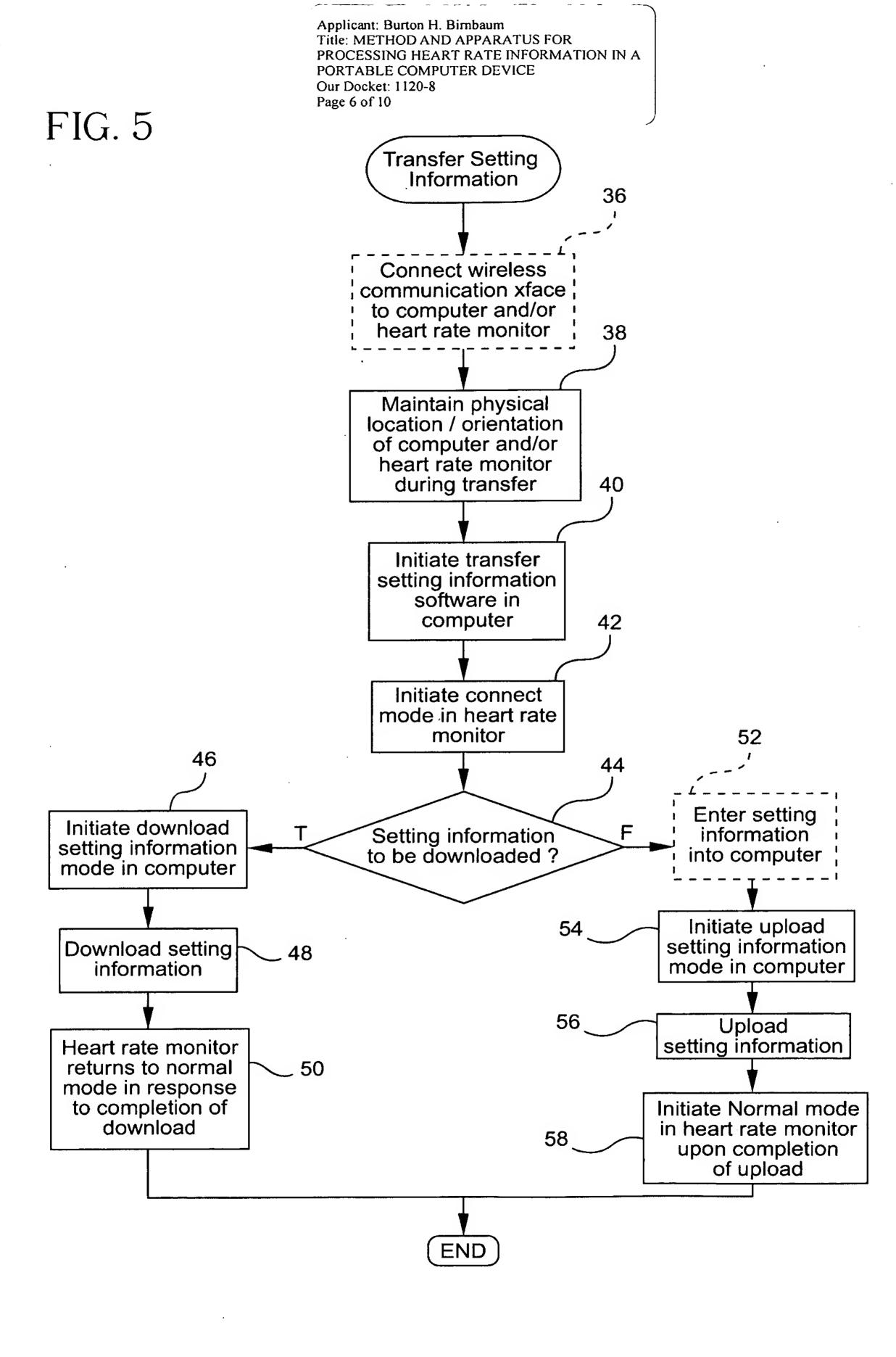


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PORTABLE COMPUTER DEVICE

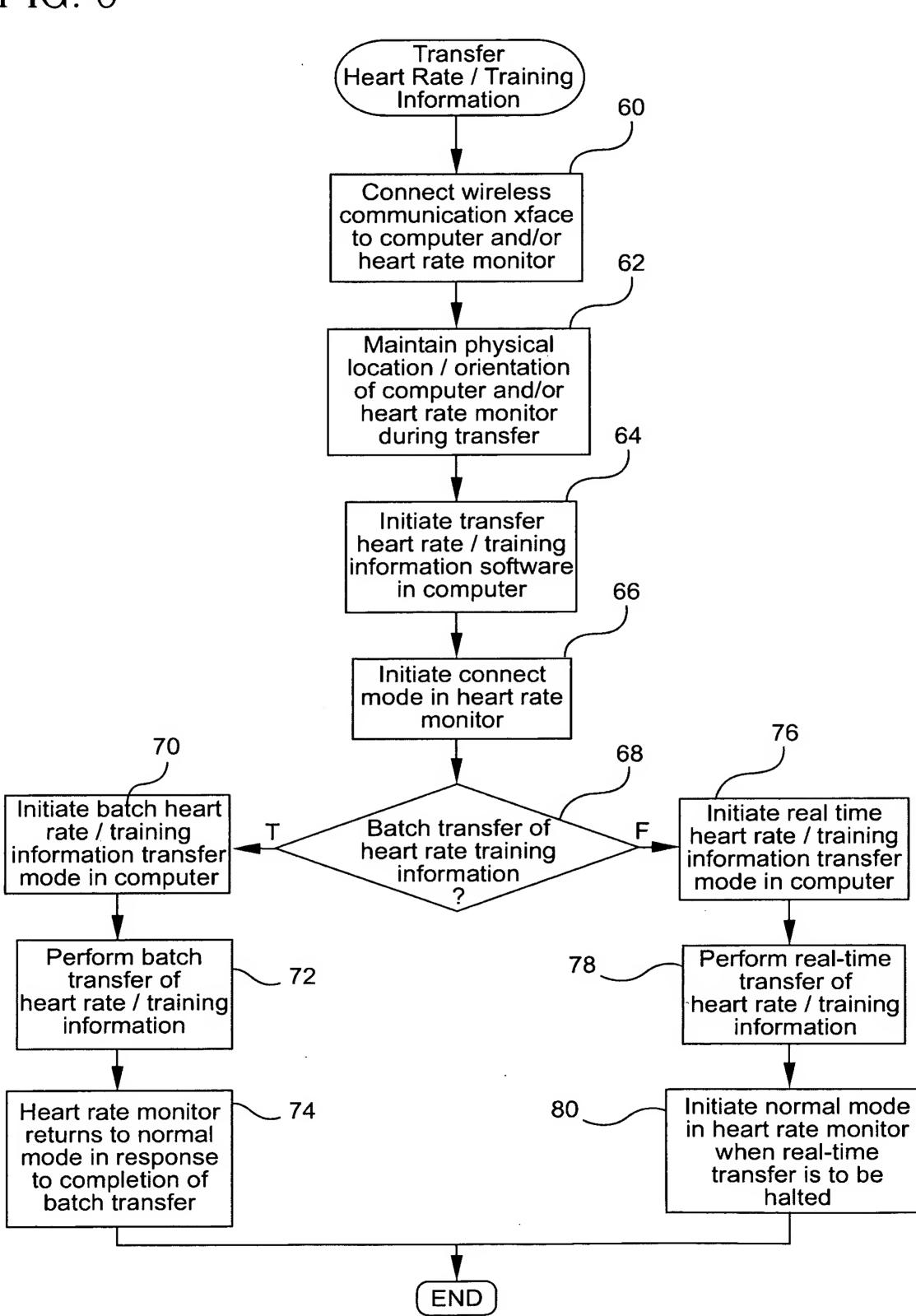
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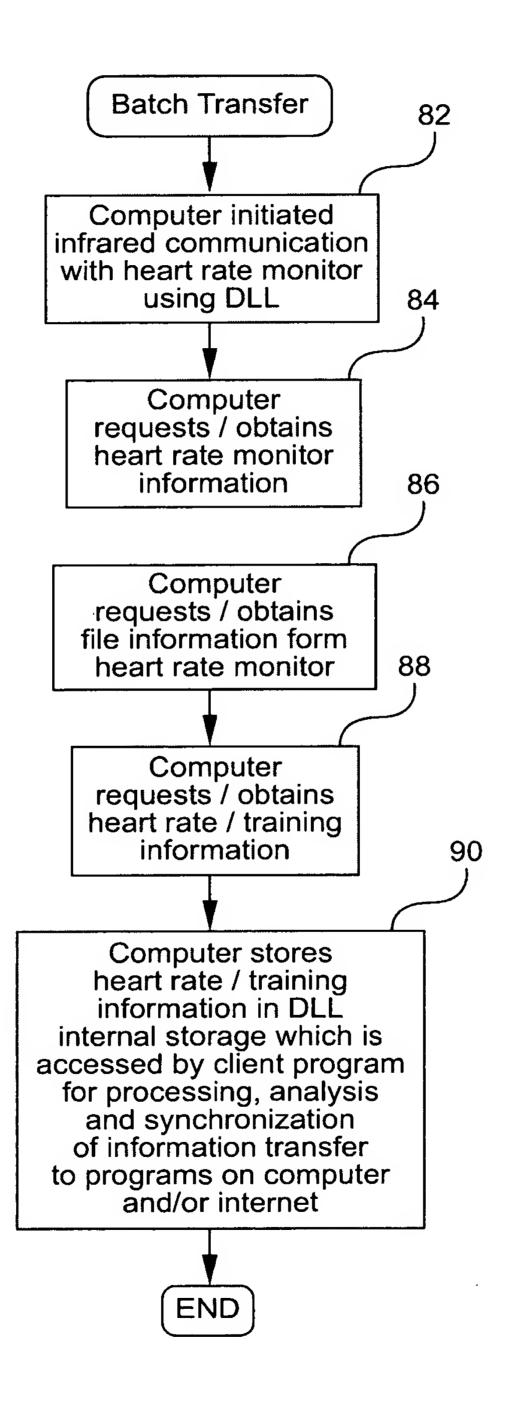
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FIG. 6



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FIG. 7



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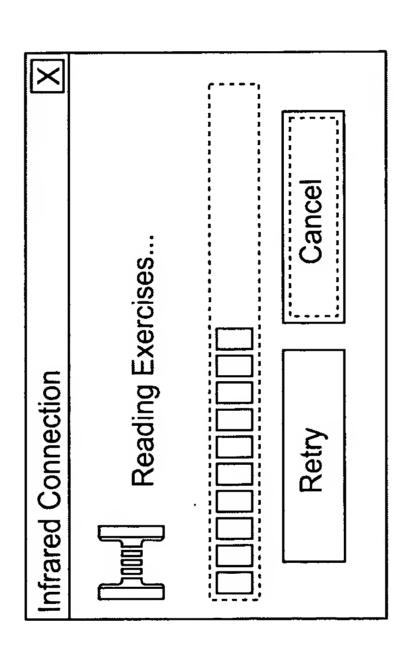


FIG. 8

- Call DLL functions to transfer information from information transfer to additional programs Optionally synchronize with computer for heart rate monitor to DLL internal storage Time above target zone Time below target zone information from heart rate monitor to - Call DLL functions to read uploaded Display information in various ways a. Time in target zone b. Time ahour d. Average heart rate e. VO₂ estimate Client Program: VO₂ estimate on computer and/or internet 2. Statistical analysis 1. Graphic analysis DLL internal storage 94 ပ In Process 92 2. Obtain heart rate monitor information ication 4. Obtain heart rate information Infrared Communication Dynamic Link Library (DL in-process server to communicate through infrared port with heart Initiate infrared communi 3. Obtain file information - DLL internal storage contains 2. Communication with 1. Communication with Client program uses DLL as processing by client program DLL performs two functions - Communication link steps: heart rate monitor downloaded information for client program Portable Computer Device rate monitor

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PORTABLE COMPUTER DEVICE

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PROCESSING HEART RATE INFORMATION IN A